Appendix A

A₀ POLICY DIRECTIVES

Highlighted in this Appendix are those key policy directives which are of greatest interest and value in understanding the development and use of A_0 in the research, development and acquisition process.

- DODD 5000.1 (1 September 1987) (NOTAL)

    - - SUBJECT: Major and Non Major Defense Acquisition Programs

    - - PURPOSE: To provide acquisition policy for major systems or major modifications to existing systems, and to implement the provisions of OMB Circular A-109 "Major System Acquisitions," of April 1976.

    - - SCOPE: Applies to ail systems acquisitions and major modifications to existing systems in DoD components.

    - - KEY POINTS: Establishes DODD 5000.1 and DODI 5000.2 of 1 September 1987 (NOTAL) as first and second in precedence for major system acquisitions except when statutory requirements override. Directs that resources to achieve readiness receive the same emphasis as those required to achieve schedule or performance objectives. Directs that Program Managers be given authority and resources commensurate with the responsibility to execute the progrom efficiently. Directs achievement of a cost-effective balance among acquisition costs, ownership costs ahd system effectiveness of major systems. Delineates the phases of the acquisition process, the milestones for decision making between the phases, and the documentation required by designated decision authorities.

- DODI 5000.2 (1 September 1987) (NOTAL)

    - - SUBJECT: Defense Acquisition Program Procedures.

    - - PURPOSE: To provide procedures for system acquisitions and major modifications to existing systems and to implement the policies of DODD 5000.1

    - - SCOPE: Applies to all system acquisitions and major modifications to existing systems in DoD components.

    - - KEY POINTS: Provides revised supplementary procedures for use in implementing DODD 5000.1. Specifies the fundamental concern of the acquisition effort as the effectiveness of the weapon system in its intended threat environment. Directs the development of an initial operational concept and a system readiness objective by Milestone I for each alternative and a finalized concept and system readiness objective by Milestone II. Requires the analysis of readiness problems and support cost drivers of current systems to identify potential improvements to be

addressed during concept formulation. Provides minimum documentation requirements for Milestone reviews.

- DODD 5000.39 (17 November 1983) (NOTAL)

  - - SUBJECT: Acquisition and Management of Integrated Logistic Support for Systems and Equipment.

  - - PURPOSE: To establish DoD policy and responsibilities for ILS to meet system readiness goals within established cost, schedule, performance, manpower, and other logistics constraints.

  - - SCOPE: Applies to all major DoD systems acquisitions, including single component, multi-components, and international acquisitions; provides guidance for ILS for less-than-major systems and equipment.

  - - KEY POINTS: Establishment of ILS program beginning at Milestone Ø is required. This ILS program must be structured to meet system readiness objectives within established schedule and resource constraints. Programs and thresholds will include specific ILS parameters and specific support-related design parameters (e.g.. testability). Realistically achievable thresholds should be set to control major drivers of manpower, acquisition and ownership costs, and readiness. The scope and level of detail of the ILS program (including data requirements) must be geared to the needs of the acquisition program at each stage in the acquisition cycle. This was the first time DoD established a set of specific rules in ILS, by acquisition milestone. Preliminary readiness thresholds are required by Milestone I and firm thresholds by Milestone II.

- SECNAVINST 5000.1B (4 August 1983)

  - - SUBJECT: System Acquisition.

  - - PURPOSE: To establish policies and procedures for system acquisitions within the Department of the Navy and to implement DODD 5000.1 and DODI 5000.2.

  - - SCOPE: Applies to all DON system acquisitions and multi-service programs for which DON is assigned to take the lead.except nuclear warheads, nuclear propulsion systems, and programs funded directly from Marine Corps appropriations.

  - - KEY POINTS: Same as DODD 5000.1 and DODI 5000.2.

- SECNAVINST 5000.39A (March 1986)

  - - SUBJECT: Acquisition and Management of Integrated Logistic Support (ILS) for Systems and Equipment.

  - - PURPOSE: To implement DODD 5000.39 within the Navy and to establish policies, procedures and responsibilities for ILS.

- - SCOPE: Expands scope of DODD 5000.39 to programs and modifications.

- - KEY POINTS: Same as DODD 5000.39. Emphasis is placed on (1) the need to tie readiness requirements to specific operational scenarios; (2) the need to document these informal requirements documents; and (3) the need to relate thresholds planned for reliability, maintainability, and A_0 for new systems to thresholds achieved by current similar systems. This is the first time A_0 is reflected in SECNAV policy.

- OPNAVINST 5000.42C (10 May 1986)

  - - SUBJECT: Research, Development and Acquisition Procedures.

  - - PURPOSE: To establish Navy RDT&E/acquisition procedures to support DODD's 5000.1, 5000.2.and 5000.3 of 12 March 1986 (NOTAL) and SECNAVINST 5000.1B.

  - - SCOPE: Applies to all Navy RDT&E/Acquisition programs except nuclear warheads, nuclear propulsion systems, and programs funded directly from Marine Corps appropriations.

  - - KEY POINTS: Same as DODD's 5000.1, 5000.2.and 5000.3 and SECNAVINST 5000.1B.

- OPNAVINST 5000.49A (30 January 1987)

  - - SUBJECT: Integrated Logistic Support (ILS) in the Acquisition Process.

  - - PURPOSE: To implement DODD 5000.39 and SECNAVINST 5000.39A to establish additional policies, and assign responsibilities for ILS and the relationship of ILS to readiness, and to establish a requirement and method for assessment of ILS funding in the PPBS.

  - - KEY POINTS: The principle ILS objective is to ensure support is coupled with system procurement to meet readiness objectives at least cost. Program Manager responsibilities for A_0 are established. Fleet readiness is directly related to the achievement of A_0 established by the Resource Sponsor in OPNAV. Sufficient ILS must be acquired to meet A_0. Support plans and funding profiles must be quantitatively linked to A_0 requirement.